

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1

of 2

**Complete if Known**

Application Number	09/937,386
Filing Date	January 8, 2002
First Named Inventor	Meir SHINITZKY
Group Art Unit	1614
Examiner Name	
Attorney Docket Number	SHINITZKY=4

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document Number Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ES	AA	5,565,439	PIAZZA et al.	10-15-1996	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Office <sup>3</sup>	Foreign Patent Number Number Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
ES	AB	WO	00/09139 A2	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA et al.	02-24-2000		

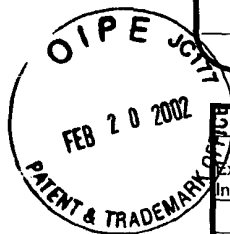
**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
ES	AC	DATABASE CHEMABS 'Online! Chemical Abstracts Service, Columbus, Ohio: for JP 09 025235, KOBAYASHI et al., "Tumor metastasis inhibitors containing 1-O-acylglycerol-2, 3-phosphates", January 28, 1997	
ES	AD	DATABASE CHEMABS 'Online! Chemical Abstracts Service, Columbus, Ohio: for JP 07 258278, KOBAYASHI et al., "Preparation of 1-O-acylglycerol-2, 3-phosphates and DNA polymerase.alpha. inhibitors containing them", October 9, 1995	
ES	AE	DATABASE CHEMABS 'Online! Chemical Abstracts Service, Columbus, Ohio: for JP 06 228169, KOBAYASHI et al., "Method for preparation of 1-O-acylglycerol-2, 3-cyclic phosphate", August 16, 1994	
ES	AF	DATABASE CHEMABS 'Online! Chemical Abstracts Service, Columbus, Ohio: for JP 07 149772, KOBAYASHI et al., "Promoters of protein phosphokinase C activation containing 1-O-acylglycerol-2, 3-cyclic phosphate", June 13, 1995	
ES	AG	D.C. AYRES et al. "The Organic Chemistry of Phosphorus, Part V", <u>J. Chem Soc.</u> , 1957, pp.1109-1114	
ES	AH	Monique REVEL et al., "Hétérocycles contenant du phosphore", <u>Org. Magn. Reson.</u> , 1976, pp. 399-406, vol. 8, no.8	ABS
ES	AI	M. SHINITZKY et al., "Formation of 1, 3-Cyclic Glycerophosphate by the Action of Phospholipase C on Phosphatidylglycerol", <u>The Journal of Biological Chemistry</u> , July 5, 1993, pp. 14109-15, vol. 268, no. 19	
ES	AJ	T. UKITA, "Organic Phosphates I: Synthesis of 1, 2-Diol Cyclic Phosphates", <u>Pharm. Bull.</u> , 1957, pp. 121-126, vol. 5	

Examiner  
Signature*Sharon Sackey*Date  
Considered*3/2/03*

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



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				Group Art Unit	1614
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## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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ES	AK	Bangying SU et al., "Identification of a Putative Tumor Marker in Breast and Colon Cancer", <u>Cancer Res.</u> , 1993, pp. 1751-5, vol. 53, no. 8	
ES	AL	Steven J. ABBOTT et al., "Chiral [ <sup>16</sup> O, <sup>17</sup> O...]" <u>J. Am. Chem. Soc.</u> , 1978, pp. 2558-60, vol. 100, no. 8	
ES	AM	Robert K. BOYD et al., "Glycerol 1, 2-Cyclic Phosphate in Centric Diatoms", <u>J. Biol. Chem.</u> , 1987, pp. 12406-8, vol. 262	
ES	AN	N. CLARKE et al., "Enzymic Formation of Glycerol 1: 2-Cyclic Phosphate", <u>Biochem. J.</u> , 1976, pp. 745-747, vol. 153	
ES	AO	DAWSON, "Recent Advances in Phosphoglyceride Chemistry", <u>Ann. Rep. Progr. Chem.</u> , 1958, pp. 365-376, vol. 55	
ES	AP	Dawson et al., "The Enzymic Formation of <i>myoinositol</i> 1: 2-Cyclic Phosphate from Phosphatidylinositol", <u>Biochem. J.</u> , 1971, pp. 605-607, vol. 122	
ES	AQ	Peter FRIEDMAN et al., "Conversion of Lysophospholipids to Cyclic Lysophosphatidic Acid by Phospholipase D", <u>The Journal of Biological Chemistry</u> , 1996, pp. 953-957, vol. 271, no. 2	
ES	AR	Eugene P. KENNEDY et al., "The Function of Cytidine Coenzymes in the Biosynthesis of Phospholipides", <u>J. Biol. Chem.</u> , 1956, pp. 193-214, vol. 222	
ES	AS	Luis F. LELOIR, "The Enzymatic Transformation of Uridine Diphosphate Glucose into a Galactose Derivative", <u>Biochem. Biophys. J.</u> , 1951, pp. 186-190, vol. 33	
ES	AT	R. MARKHAM et al., "The Structure of Ribonucleic Acids", <u>Biochem. J.</u> , 1952, pp. 552-557, vol. 52	
ES	AU	Meir SHINITZKY et al., "Formation of 1, 3-Cyclic Glycerophosphate by the Action of Phospholipase C on Phosphatidylglycerol", <u>The Journal of Biological Chemistry</u> , 1993, pp. 14109-15, vol. 268, no. 19	
ES	AV	M. MUKAI et al., "Inhibition of Tumor Invasion and Metastasis by a Novel Lysophosphatidic Acid (Cyclic LPA)", <u>Int. J. Cancer</u> , 1999, pp. 918-922, vol. 81	
ES	AW	A. TOMAC et al., "Protection and Repair of the Nigrostriatal Dopaminergic System by GDNF <i>in vivo</i> ", <u>Nature</u> , 1995, pp. 335-339, vol. 373	
ES	AX	T. UKITA et al., "Studies on the Alkaline Hydrolysis of Lecithin: Synthesis of Cyclic 1,2-Glycerophosphate", <u>J. Biol. Chem.</u> , 1955, pp. 867-874, vol. 216	

 Examiner  
Signature

*phenahackey*

 Date  
Considered

3/8/03

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